

# LISTENING TOOLS

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# Agenda

- Listening Activities
  - Advanced Bionics
  - Cochlear Americas
  - Med-El
- Monitoring Listening Skills
  - Teacher Report
  - Child / Student
  - Parent / Childcare Report

# Advanced Bionics

- [www.bionicear.com](http://www.bionicear.com)
- Tools for Schools
- The Listening Room
- eLearning Library
- Newsletters
  - Loud & Clear
  - Tools for School
  - Sound Waves
- Just for Kids – “Bionic Buddy”



# Cochlear Americas

- [www.cochlearamericas.com](http://www.cochlearamericas.com)
- HOPE – Habilitation Outreach for Educators, Parents & Adults
- On-line courses – live & recorded
- Resource Materials
- Educator Guides
- HOPE e-newsletter

# Med-El

- [www.medel.com](http://www.medel.com)
- Bridge to Better Communication
  - Commercial products for purchase – LittleEARS Auditory Questionnaire
  - Free products –
    - Ling Six Sound Cards
    - Educators CD
    - CI & Troubleshooting Guides
    - CI Coloring Book
- HearSay Newsletter
- Communication Options & Educational Placements

# Monitoring Listening Skills

- Teacher Report
- Child / Student
- Parent / Childcare Report



# Ask the TEACHER:

- CHAPS
- PRESCHOOL SIFTER
- SIFTER
- SECONDARY SIFTER
- LIFE

# CHAPS: Children's Auditory Performance Scale

- Looks at listening under different conditions – noise, quiet, attention
- Provides in-depth information
- Normed on children 7-12 years old
- Can be used for different hearing configurations, CAPD, students with Cochlear Implants, etc.
- Scoring grid shows abilities that fall into normal and at-risk performance categories
- Can provide data to support assistive listening device trials
- CHAPS - Children's Auditory Performance Scale: pad of 100 & manual @ \$12.50
  - <http://www.edaud.org/associations/4846/files/EAAPProductOrderForm.pdf>



# Preschool SIFTER: Screening Instrument For Targeting Educational Risk

- Completed by the preschool teacher
- Teacher must be aware of what is developmentally normal for the child's age
- 15 questions: preacademics, attention, communication, class participation, school behavior
- Scoring: pass or at-risk for expressive communication or socially appropriate behavior

# SIFTER: Screening Instrument For Targeting Educational Risk

- Very similar to Preschool SIFTER
- 15 questions, 5 content areas
- Scoring grid results in pass, marginal or fail
- Valuable for parents / staff of children with hearing loss who are concerned about school progress
- Recommendations for FM can be made based on SIFTER results – can be used as pre/post evaluation
- Valuable to use May SIFTER to inservice new teacher in September

# Secondary SIFTER: Screening Instrument For Targeting Educational Risk

- Very similar to SIFTER, upper elementary, middle, high school
- 15 questions, 5 content areas
- Scoring grid results in pass, marginal or fail
- Can track progress over time or between classes / environments
- Recommendations for FM can be made based on SIFTER results – can use as a pre/post evaluation
- Valuable to use May SIFTER to inservice new teacher in September



# LIFE: Listening Inventory For Education

## – Teacher appraisal

- 16 common school listening activities
- Best for elementary, but can use in secondary
- Teacher indicates if listening and learning behaviors have improved, stayed the same, or gotten worse
- On reverse there are suggestions for improving classroom listening (seating, lipreading, noise, distance)
- Best used as a pre/post tool for amplification – can provide a score related to improvement

# Ask the STUDENT:

- LIFE
- FAPI
- Functional Listening Evaluation (FLE)

# LIFE: Listening Inventory For Education

## – Student appraisal

- 15 common school listening activities
- Best for elementary, but can use in secondary
- Student indicates if a listening situation is always easy, mostly easy, sometimes difficult, mostly difficult, or always difficult
- Many will describe differences with and without FM, without being asked
- On reverse there are suggestions for improving classroom listening (child advocacy activities)



# FAPI: Functional Auditory Performance Indicators

- Addresses functional auditory skills in 7 categories:
  - Awareness & Meaning of Sound
  - Auditory Feedback and Integration
  - Localizing Sound Source
  - Auditory Discrimination
  - Auditory Comprehension
  - Short-term Auditory Memory
  - Linguistic Auditory Processing
- Provides hierarchy of developmental skills, addresses differences in distance & listening conditions
- [http://www.cde.state.co.us/cdesped/download/pdf/FAPI\\_3-1-04g.pdf](http://www.cde.state.co.us/cdesped/download/pdf/FAPI_3-1-04g.pdf)

# FLE: Functional Listening Evaluation

- Helps determine how listening abilities are affected by noise, distance, and visual input
- Simulate listening ability in more lifelike situations
- Can provide support for justifying accommodations, such as assistive listening devices, sign language or oral interpreters, notetakers, captioning, special seating, and room acoustic modifications
- <http://www.cde.state.co.us/cdesped/download/pdf/FLEdoc.pdf>

# FLE: Functional Listening Evaluation

- Materials Needed:

- Cassette Tape Recorder or CD player
- Sound Level Meter - use A weighted scale (can be purchased inexpensively from Radio Shack)
- Noise Tape or CD - Multitalker is recommended (available from Auditec)
- Tripod or stand to hold sound level meter (optional)
- Word/Phrase/Sentence Lists for test stimuli
- Tape measure or yard stick
- Masking tape or marker (optional)

- Set-up Options:



# FLE Results

	Noise + No Visuals	Noise + Visuals	Quiet + Visuals
Hearing Aid Only	0/10 Discontinued	DNT	10/25 = 40%
Hearing Aid + FM	9/25 = 36%	20/25 = 80%	20/25 = 80%

Ask the PARENT:

- CHILD
- ELF

## CHILD: Children's Home Inventory for Listening Difficulties

- Determine success of communication in the home
- 15 questions for parents & child
- Compare how they rate everyday situations
- Help identify challenging listening environments
- Can provide counseling tool when success perceived differently



# ELF: Early Listening Function

- Can be used with parents, caregivers, early interventionists
- 12 listening activities at different distances
- Identify “listening bubble” – where is child most successful
- Document progress or differences with and without amplification

# Karen Anderson Resources

- [www.kandersonaudconsulting.com](http://www.kandersonaudconsulting.com)
  - CHILD – Children's Home Inventory of Listening Difficulty
  - ELF – Early Listening Function
  - LIFE – Listening Inventory for Education
  - SIFTER – Screening Instrument for Targeting Educational Risk (K-5th grade)
  - PRESCHOOL SIFTER (3-5 years old)
  - SECONDARY SIFTER (6th grade +)

# Contact Information

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